

Pulse polarity:

Set to '+' for pulses that rise above the baseline
Set to '-' for pulses that rise below the baseline

Channel enable:

Set the current to active/inactive

Vertical position:

Sets the channel's baseline position offset on the oscilloscope's y-axis

DC offset:

Sets the channel DC offset range between (0,2) volts and (-2,0) volts

Trigger threshold:

Sets the channel trigger in ADC units

Baseline min. and max.

Sets the range used to compute the waveform baseline for an acquisition window

The image shows a configuration panel for 'Channel 0' with several settings. Arrows from the text blocks on the left point to specific controls in the panel:

- Pulse polarity:** Points to the 'Pulse polarity' section, which has two radio buttons labeled '+' and '-'. The '-' button is selected.
- Channel enable:** Points to the 'Enable' checkbox, which is checked.
- Vertical position:** Points to the 'Vert. Position (ADC)' input field, which contains the value '0'.
- DC offset:** Points to the 'DC offset (hex)' input field, which contains the value '8000'.
- Trigger threshold:** Points to the 'Trig. Threshold (ADC)' input field, which contains the value '2000'.
- Baseline min. and max.:** Points to the 'Baseline min. (sample)' and 'Baseline max. (sample)' input fields. The min field contains '10' and the max field contains '45'.

The configuration panel itself contains the following elements:

- Channel 0
- Enable ☒
- Pulse polarity: ☐ + ☒ -
- Vert. Position (ADC): 0
- DC offset (hex): 8000
- Trig. Threshold (ADC): 2000
- Baseline min. (sample): 10
- Baseline max. (sample): 45